

Memorandum

To: CHAIR AND COMMISSIONERS

CTC Meeting: May 25-26, 2005

Reference No.: 2.1c.(5)
Action Item

From: CINDY McKIM
Chief Financial Officer

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Division Chief
Transportation Programming

Ref: **TRAFFIC CONGESTION RELIEF (TCR) PROGRAM PROJECT APPLICATION
AMENDMENT APPROVALS
RESOLUTION TAA-05-06, AMENDING RESOLUTION TA-01-13**

ISSUE:

The City of Santa Barbara requests approval of the attached Resolution for three Traffic Congestion Relief (TCR) project application amendments, with no net change to TCR funding. A fact sheet describing each project is attached.

RECOMMENDATION:

The California Department of Transportation recommends approval.

BACKGROUND:

On August 22, 2001, the California Transportation Commission approved applications for TCR Sub-project #102.1 – Route 101 access; State Street smart corridor Advanced Traffic Corridor System (ATSC) technology in Santa Barbara County – Outer State Street Signal System and TCR Sub-project #102.2 – Route 101 access; State Street smart corridor Advanced Traffic Corridor System (ATSC) technology in Santa Barbara County – Metro Transit Bus Automated Vehicle Location Tracking System, to improve access and mobility of Outer State Street and other corridors in Santa Barbara related to Route 101.

The City of Santa Barbara has completed work on TCR Sub-project #102.1 – Outer State Street Signal System, with an identified savings of \$132,000 in TCR funds.

However, the Metropolitan Transit District (MTD), the implementing agency for TCR Sub-project #102.2 – Metro Transit Bus Automated Vehicle Location Tracking System, underwent a change in management leading to a reprioritization of work, after which, the MTD informed the City of Santa Barbara there was insufficient amount of dedicated funding to complete installation or ongoing maintenance of the project.

Subsequently, the City of Santa Barbara has submitted an application amendment for the continuation of improvements designed to relieve congestion along the corridor and other intersections in the vicinity to be designated under a new project, TCR Sub-project #102.3 – Intersection improvements and signal coordination.

The City of Santa Barbara proposes to transfer both the savings identified from TCR Sub-project #102.1 – Outer State Street Signal System, and the programming made available after the deletion of TCR Sub-project #102.2 – Metro Transit Bus Automated Vehicle Location Tracking System, to be programmed to TCR Sub-project #102.3 – Intersection improvements and signal coordination, in order to improve safety while relieving congestion in the areas that include transit routes, pedestrian activity, and access to Route 101.

Attachments

TCR Program – Application Amendment Project #102.1

Santa Barbara **Route 101 access; State Street smart corridor Advanced Traffic Corridor System (ATSC) technology in Santa Barbara County.**

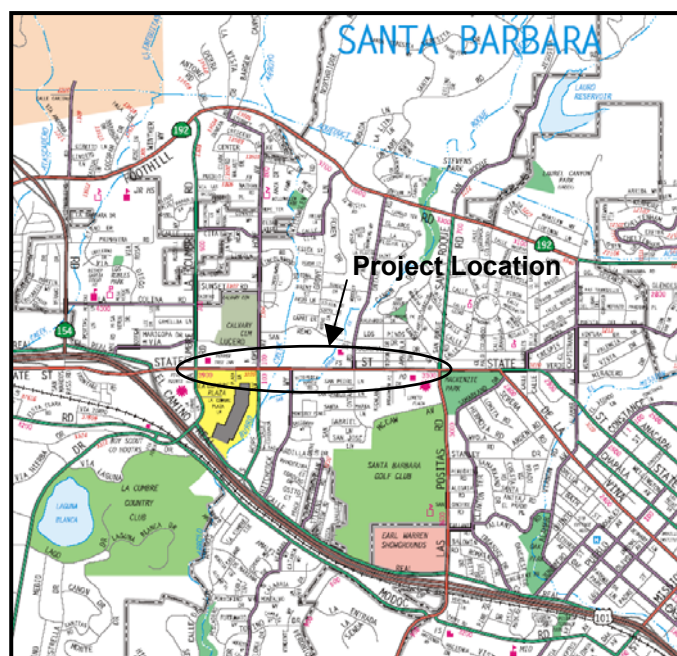
(\$ X 1,000)

<i>Estimated Project Cost:</i>	\$1,832	<i>TCRP Funds Covered by Application:</i>	(\$132)
	\$1,964		
<i>TCRP Funds – Sub-Project #102.1:</i>	\$268	<i>Phase(s) Covered by Application:</i>	All
	\$400		
<i>TCRP Funds for Project #102:</i>	\$1,300	<i>TCRP Funds Previously Approved for #102.1:</i>	\$400
<i>Lead Agency:</i>	City of Santa Barbara	<i>Implementing Agency:</i>	Same
<hr/>			
<i>TCRP Allocation Requested Concurrently with Application:</i>	(\$132)	<i>for Phase(s):</i>	4
<i>Advance Requested:</i>	\$0	<i>for Phase(s):</i>	N/A
<i>TCRP Allocations to Date:</i>	\$400	<i>for Phase(s):</i>	4

Project Summary: The overall State Street smart corridor Advanced Traffic Corridor System (ATCS) technology project in Santa Barbara County consists of two separate sub-projects to improve access and mobility to the Route 101/State Street corridor. Each sub-project will be covered under separate project applications. The two sub-projects consist of:

- **Sub-Project #102.1 – Outer State Street Signal System.**
- ~~Sub-Project #102.2 – Metro Transit Bus Automated Vehicle Location Tracking System.~~
- Sub-Project #102.3 – Intersection improvements and signal coordination.

This project covers the Outer State Street signal system that will improve traffic conditions and traffic handling capacity of Outer State Street at nine intersections between Calle Laureles to La Cumbre. This project involves the installation of a traffic adaptive signal system called Split Cycle Offset Optimization Technique (SCOOT).



Summary of Action: This amendment deprograms \$132,000 of TCRP funds and transfers the funds to a new Sub-Project #102.3. Changes proposed by this amendment are reflected in ~~strike through~~ and **bold**.

Reason for Change: Project #102.1 has been completed. The City has invoiced for the materials needed to complete the project. Only \$268,000 of TCRP funds were used. The City proposes to expend the project savings on Sub-Project #102.3 to relieve congestion on the Outer State Street corridor, De La Vina Corridor (parallel to State Street), and other intersections in the vicinity.

Cost and Schedule (\$ x 1,000)

Phase	Scope	Start	End	Cost
1	Categorical Exclusion (CEQA/NEPA), Phase I Cultural Resource Study, Historic Bridge Study	2/00	3/01	\$15
2	Plans, Specifications & Estimates (signal modifications, etc) RFP for Video Detection System, Software	3/00	7/01	\$147
3	Right of way Acquisition - Not Applicable			
4	Construction/Installation of Hardware/Software	9/01	8/02	\$1,670
				\$1,802
Total:				\$1,832
				\$1,964

Funding Plan (\$ x 1,000)

Source	Type		Phase 1	Phase 2	Phase 3	Phase 4	Total
TCRP	State	Committed				\$268	\$268
		Proposed				\$400	\$400
STIP-RIP	State	Committed		\$147		\$1,102	\$1,249
		Proposed					
City	Local	Committed	\$15				\$15
		Proposed					
Measure D	Measure	Committed				\$300	\$300
		Proposed					
	Totals:	Committed	\$15	\$147		\$1,670	\$1,832
		Proposed				\$1,802	\$1,964
		Totals:	\$15	\$147		\$1,670	\$1,832
						\$1,802	\$1,964

Prior TCRP Action:

- Original application was approved on August 23, 2001 (TA-01-13) for \$400,000 for Phase 4.
- A minor amendment was approved on February 7, 2002 based on the October 2001 Progress Report.

Status of Conditions: No conditions set.

Discussion/Issues: Project is completed.

SCOOT is an Advance Traffic Corridor System (ATCS) software that continuously optimizes traffic signal timing from data received from the field and is used by Anaheim and Oxnard as well as over 100 cities throughout the world. Implementation of the SCOOT system will require hardware and software upgrades at all corridor intersections. The City Traffic Management Center (TMC) will require equipment to be installed to accommodate the traffic adaptive software system. In addition, a fiber communications conduit will be installed between the intersections and the TMC.

TCRP Program – Application Approval Project #102.2

Santa Barbara **Route 101 access; State Street smart corridor Advanced Traffic Corridor System (ATSC) technology in Santa Barbara County.**

(\$ X 1,000)

<i>Estimated Project Cost:</i>	\$0	<i>TCRP Funds Covered by Application:</i>	(\$900)
	\$910		
<i>TCRP Funds – Sub-Project #102.2:</i>	\$0	<i>Phase(s) Covered by Application:</i>	All
	\$900		
<i>TCRP Funds for Project #102:</i>	\$1,300	<i>TCRP Funds Previously Approved for #102.2:</i>	\$900
<i>Lead Agency:</i>	City of Santa Barbara	<i>Implementing Agency:</i>	Santa Barbara Metropolitan Transit District (MTD)

<i>TCRP Allocation Requested Concurrently with Application:</i>	(\$900)	<i>for Phase(s):</i>	4
<i>Advance Requested:</i>	\$0	<i>for Phase(s):</i>	N/A
<i>TCRP Allocations to Date:</i>	\$900	<i>for Phase(s):</i>	4

Project Summary: The overall State Street smart corridor Advanced Traffic Corridor System (ATCS) technology project in Santa Barbara County consists of two separate segments to improve access and mobility to the Route 101/State Street corridor. Each segment will be covered under separate project applications. The two segments are:

- Sub-Project #102.1 – Outer State Street Signal System.
- ~~Sub-Project #102.2 – Metro Transit Bus Automated Vehicle Location Tracking System.~~
- Sub-Project #102.3 – Intersection improvements and signal coordination.

Summary of Action: This amendment deletes Project #102.2 and transfers the funds to a new Sub-Project #102.3. Changes proposed by this amendment are reflected in ~~strike through~~ and **bold**.

Reason for Change: The Metropolitan Transit District (MTD) was unable to complete this project. Between November 2003 and July 2004, MTD changed General Managers and reprioritized their work. Through reprioritization, MTD determined that they did not have enough funds in place for complete installation or ongoing maintenance of the project. The available programming is proposed to be transferred to the new Sub-Project #102.3, intersection improvements and signal coordination.

Cost and Schedule (\$ x 1,000)

Phase	Scope	Start	End	Cost
1	Environmental Clearance -Categorically Exempt			
2	Request for Proposals	9/01	5/02	\$10
3	Right of Way Acquisition - Not Applicable			
4	Procurement/Installation of GPS and communications equipment	5/02	12/02	\$900
Total:				\$910

Funding Plan (\$ x 1,000)

Source	Type		Phase 1	Phase 2	Phase 3	Phase 4	Total
TCRP	State	Committed				\$900	\$900
		Proposed					
TDA	Local	Committed		\$10			\$10
		Proposed					
	Totals:	Committed		\$10		\$900	\$910
		Proposed					
		Totals:		\$10		\$900	\$910

Prior TCRP Action:

- Original application was approved on August 22, 2001 (Resolution TA-01-13).
- A minor amendment to update the project schedule was approved April 2002.

Status of Conditions: No conditions were set forth for this project under Resolution TA-01-13.

Discussion/Issues: No Issues.

TCR Program – Application Amendment Project #102.3

Santa Barbara **Route 101 access; State Street smart corridor Advanced Traffic Corridor System (ATSC) technology in Santa Barbara County.**

(\$ X 1,000)

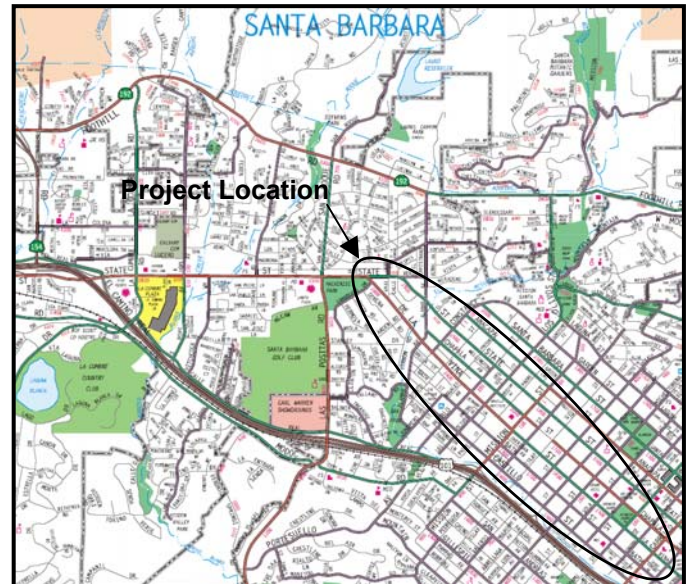
<i>Estimated Project Cost:</i>	\$1,032	<i>TCRP Funds Covered by Application:</i>	\$1,032
<i>TCRP Funds – Sub-Project #102.1:</i>	\$1,032	<i>Phase(s) Covered by Application:</i>	All
<i>TCRP Funds for Project #102:</i>	\$1,300	<i>TCRP Funds Previously Approved for #102.3:</i>	\$0
<i>Lead Agency:</i>	City of Santa Barbara	<i>Implementing Agency:</i>	Same

<i>TCRP Allocation Requested Concurrently with Application:</i>	\$82	<i>for Phase(s):</i>	1,2
<i>Advance Requested:</i>	\$0	<i>for Phase(s):</i>	N/A
<i>TCRP Allocations to Date:</i>	\$0	<i>for Phase(s):</i>	N/A

Project Summary: The overall State Street smart corridor Advance Traffic Corridor System (ATCS) project consists of two separate sub-projects to improve access and mobility to the Route 101/State Street corridor. Each sub-project will be covered under separate project applications. The two sub-projects consist of :

- Sub-Project #102.1 – Outer State Street Signal System.
- ~~Sub-Project #102.2 – Metro Transit Bus Automated Vehicle Location Tracking System~~
- **Sub-Project #102.3** – Intersection improvements and signal coordination.

Sub-Project #102.3 improves traffic conditions by reconstructing various intersections and installing signals on the Outer State Street Corridor, De La Vina Corridor (parallel to State Street) and other intersections in the vicinity.



Intersection improvements include geometric reconfigurations. The improvements will improve safety and efficiency for traffic, pedestrians, and cyclists through the intersections. The new signals will be synchronized and coordinated with other signals within the corridors.

Intersection improvements will occur at State Street and the intersection with De La Vina Street, Alamar Avenue, and Constance Avenue. New signals will be installed at the intersections State Street/Constance Avenue, De La Vina Street/Figueroa Street, De La Vina Street/Canon Perdido Street, and Cabrillo Boulevard/Anacapa Street.

Summary of Action: This application creates Sub-Project #102.3 by utilizing available funds deprogrammed from Sub-Projects #102.1 (savings) and #102.2 (deleted).

Cost and Schedule (\$ x 1,000)

Phase	Scope	Start	End	Cost
1	Environmental Clearance	7/05	9/05	\$10
2	Design	9/05	12/05	\$72
3	Not Applicable			
4	Construct Intersection Improvements	2/06	6/06	\$950
Total:				\$1,032

Funding Plan (\$ x 1,000)

Source	Type		Phase 1	Phase 2	Phase 3	Phase 4	Total
TCRP	State	Committed	\$10	\$72		\$950	\$1,032
		Proposed					
	Totals:	Committed	\$10	\$72		\$950	\$1,032
		Proposed					
		Totals:	\$10	\$72		\$950	\$1,032

Prior TCRP Action:

- No Prior Action

Status of Conditions: No conditions set.

Discussion/Issues: This project is fully funded with TCRP funds. The project anticipates Categorical Exclusion at all locations for environmental clearance.

A concurrent allocation amendment de-allocates \$1,032,000 from Sub-Projects #102.1 and #102.2. TCRP Guidelines state that the Commission will allocate funds for construction only after final environmental documents and findings have been completed. The allocation amendment therefore only reallocates \$82,000 to Phases 1 and 2 to this project due to the project not being cleared environmentally. The City of Santa Barbara will request the remaining \$950,000 for Phase 4 upon receiving environmental clearance.

CALIFORNIA TRANSPORTATION COMMISSION
Approval of Traffic Congestion Relief Program
Project Application Amendment

RESOLUTION TAA-05-06
Amending Resolution TA-01-13

- 1.1 WHEREAS the Traffic Congestion Relief Act of 2000 (herein after referred to as “statute”), which was established by Chapters 91 (AB 2928) and 656 (SB 1662) of the Statutes of 2000, establishes the Traffic Congestion Relief Program, providing \$5.39 billion for projects throughout the State of California to reduce traffic congestion, provide for safe and efficient movement of goods, and provide system connectivity; and
- 1.2 WHEREAS in accordance with Government Code Section 14556.11 the California Transportation Commission (Commission) has adopted guidelines, in consultation with the Department of Transportation (Department) and regional agencies, to implement the Traffic Congestion Relief (TCR) Program; and
- 1.3 WHEREAS the statute and guidelines require applicants to specify complete project applications, including scope, cost and schedule, financial plans and funding sources; and
- 1.4 WHEREAS the Commission identified those factors leading to changes in project scope, cost, and scheduled and established guidelines for agencies to submit amendments to TCR project applications in Resolution G-00-23, with further clarifications in Resolution G-01-23; and
- 1.5 WHEREAS the Department has reviewed the following application amendments for three TCR projects as submitted by applicant agencies and found all to be in compliance with the guidelines adopted by the Commission.
- 2.1 NOW THEREFORE BE IT RESOLVED that the Commission does hereby approve the following three TCR project application amendments as submitted, with subsequent clarifications and revisions:
 - Project #102.1 – Route 101 access; State Street smart corridor Advanced Traffic Corridor System (ATSC) technology in Santa Barbara County – Outer State Street Signal System. Amend application to transfer \$132,000 in TCR funding to TCR Sub-project #102.3, and update project funding plan previously approved under Resolution TA-01-13.
Applicant Agency: City of Santa Barbara
Implementing Agency: City of Santa Barbara
 - Project #102.2 – Route 101 access; State Street smart corridor Advanced Traffic Corridor System (ATSC) technology in Santa Barbara County – Metro Transit Bus Automated Vehicle Location Tracking System. Amend application to transfer \$900,000 in TCR funding to TCR Sub-project #102.3. Original application approved under Resolution TA-01-13.
Applicant Agency: City of Santa Barbara
Implementing Agency: Santa Barbara Metropolitan Transit District

- Project #102.3 – Route 101 access; State Street smart corridor Advanced Traffic Corridor System (ATSC) technology in Santa Barbara County. Amend application to designate this sub-project as – Intersection improvements and signal coordination, update project scope, and receive transfers of \$132,000 in TCR funding from TCR Sub-project #102.1 and \$900,000 in TCR funding from TCR Sub-project #102.2.

Applicant Agency: City of Santa Barbara

Implementing Agency: City of Santa Barbara;

and

- 2.2 BE IT FURTHER RESOLVED that all conditions stipulated at time of application and/or application amendment approval are still in effect; and
- 2.3 BE IT FURTHER RESOLVED that all applicant agencies shall provide the Commission and the Department with a progress report on April 1st and October 1st of each year on actual expenditures and status of work, until the projects have been completed; and
- 2.4 BE IT FURTHER RESOLVED that this TCR project application approval by the Commission reserves the State funding for the projects as specified by the statute, and allows the applicant agencies to incur costs in accordance with the approved project application, statute and guidelines; and
- 2.5 BE IT FURTHER RESOLVED that Resolution TA-01-13 is hereby amended.